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APPLICATIONBRIEFINGS

High Density Secure Pathology Slide/Tissue Block Storage

Application:

Medical laboratories and hospitals are mandated to keep pathology slides and tissue blocks for a specific timeframe. Although retention periods vary based on specimen type, some can be up to ten years. Storing pathology slides and tissue blocks for ten years comes with a unique set of challenges including storage space, weight limitations, confidentiality and tracking/retrieving.

The Kardex Remstar Pathology Unit is specially designed to meet these unique challenges providing high density, secure storage and retrieval for pathology slides and tissue blocks. Units can be dedicated for pathology slides and tissue blocks or mixed and matched to meet active laboratories daily needs, keeping items at your fingertips.

Benefits:

- Save Up To 75% Floor Space
- 100% Ergonomic Accessibility
- Improve Slide Security
- Increase Productivity
- Virtually Eliminate Damage from Slide Mishandling

Operations:

The Pathology Unit is designed to support the weight of the slide and tissue blocks inventory (0.28 lbs./LFI) while increasing slide density. Laboratories can save up to 75% floor space using the Pathology Unit over other standard pathology slide and tissue blocks storage methods.

Pathology slides are stored in standard slide trays and placed in carriers within the Pathology Unit. When requested by an operator, the unit rotates around vertically and presents the slide tray to the operator eliminating walk and search time. Optionally, using light directed technology, position lights direct the operator to the location of each tray designed for slide or tissue block storage. Additional inventory management software can display other information about the slide or tissue block such as an identification number. This not only speeds up pick time, but also ensures the operator picks the correct slide or tissue block required. A Pathology Unit can increase productivity up to 2/3 over standard pathology slide and tissue block storage.

With a concern for patient confidentially, the Pathology Unit can be closed and locked with the slides securely inside until a slide and tissue block is required. Furthermore, integrating software with the Pathology Unit, transactions can be recorded to provide user and inventory reports on demand.

The Pathology Unit delivers the requested slide at an ergonomically accessible height. Instead of bending and lifting heavy slide trays, the operator simply slides the tray out of the Pathology Unit onto a work counter. Further, the work counter can be adjustable and can be positioned at a standing position, a seated position or anywhere in between.

Material Which Can Be Stored Includes:

- Paraffin Blocks & Cassettes
- Microscope Slides
- Record Cards
- General Supplies
- Microtitre Plates
- Blood Bags
- Test Tube Racks
- Water Bath Racks
- Vials and Bottles
- Petri Dishes
- Pharmaceuticals

Linear Filing Inches for Pathology Slides				
Room Height	**Carriers**	**Shelf Levels**	**Total LFI per Unit**	**Total Slides per Unit***
7′ 3″	13	26	12,584	201,344
7″ 6″	14	28	13,552	216,832
8′	15	30	14,520	232,320
8′ 3″	16	32	15,488	247,808
8′ 10″	17	34	16,456	269,296
9′ 3″	18	36	17,424	278,748
9′ 7″	19	38	18,392	294,272
10′	20	40	19,360	309,760
10″ 5″	21	42	20,328	325,248
10′ 9″	22	44	21,296	340,736

*Assumes 16 slides per inch stored in trays. Overall unit width: 71.26", Overall unit depth: 36.4"

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